JC06 Rec'd PCT/PTO 16 MAY 2005

1390 (Rev. 02-2005) Approved for use through 3/31/2007, OMB 0651-0021

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# TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 0079571-0094

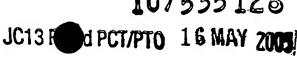
COI	NCERNING A SUBMISSIO	107535128								
	ATIONAL APPLICATION NO. /US2003/.036506	INTERNATIONAL FILING DATE 14 Nov 2003	PRIORITY DATE CLAIMED 15 NOV 2002							
TITLE OF INVENTION CIS/TRANS RIBOREGULATORS										
APPLICANI(S) FOR DO/EO/US Collins, James J., Isaacs, Farren, J., Dwyer, Daniel J., Cantor, Charles, R.										
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1. X	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
3. X	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. X	The US has been elected (Article 31).									
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
	a. is attached hereto (required only if not communicated by the International Bureau).									
	b. X has been communicated by the International Bureau.									
6.	c. Is not required, as the application was filed in the United States Receiving Office (RO/US).  A copy of WO2004/046321 is enclosed herewith.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).									
	a. is attached hereto.									
	b. has been previously submitted under 35 U.S.C. 154(d)(4).									
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))									
	a. are attached hereto (required only if not communicated by the International Bureau).									
	b. have been communicated by the International Bureau.									
	c. have not been made; however, the time limit for making such amendments has NOT expired.									
	d. X have not been made and v	vill not be made.								
8.	An English language translation of th	e amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).							
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT							
Items 11 to 20 below concern document(s) or information included:										
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.								
12. 🗌	An assignment document for recording	g. A separate cover sheet in compliance wi	th 37 CFR 3.28 and 3.31 is included.							
13. X	A preliminary amendment.									
14.	An Application Data Sheet under 37 C	OFR 1.76.								
15.	A substitute specification.									
16.	A power of attorney and/or change of	address letter.								
17.	A computer-readable form of the sequ	uence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published Intern	national Application under 35 U.S.C. 154(d)(	(4).							
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).									
20 X	Other items or information: CODV	of WO2004/046321; return	n receipt postcard							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 2

# JC13 Rec'd PCT/PTO 16 MAY 2009

PTO-1390 (Rev. 02-2005)
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Search fee (37 C Internatio International Sea	rch fee FR 1.445(a)(2)) h nal Searching Au rch Report prepar s	\$ 100.00							
	<b>TOTAL OF 21, 2</b>	\$							
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CLAIMS	NUME	BER FILED	NUMBER EXTRA	RATE	\$				
Total claims	49	- 20 =	29	× \$ 50	\$ 1.450.00	]-			
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			FR 1.495 has not been me on to pending status.	et, a petition to revive	(37 CFR 1.137(a) or (b)	) must be filed			
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Collins, et al.

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Mail Stop: PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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I hereby certify that the foregoing documents are being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date of May 16, 2005.

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